

DENNIS P. WILLIAMS
MAYOR

City of Wilmington
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August 1, 2016

Patricia Corbett
EPA Region 3
1650 Arch Street
Mail Code 3HS51
Philadelphia, PA 19103

RE: Brownfield Area-Wide Planning Grant Application for:
Opportunity Number EPA-OLEM-OBLR-16-05
Brandywine Riverfront Northeast

Dear Ms. Corbett:

The City of Wilmington, Department of Planning and Development, appreciates the opportunity to submit the enclosed application for a \$197,500.00 grant to the United States Environmental Protection Agency (USEPA) Brownfields Area-Wide Planning Grant (BF AWP).

We understand the project period for the grant will be March 1, 2017 through February 28, 2019. The City of Wilmington DUNS number is 0673939000000.

The Brandywine Riverfront Northeast project area is located in the northeast quadrant of Wilmington, in New Castle County, Delaware. The BF AWP project area has a population of 2,649. The City of Wilmington has a population of 70,525. New Castle County's population is 549,684 and Delaware's population is 925,749.

The north bank of the Brandywine Creek is the southern boundary and separates Northeast Wilmington from downtown Wilmington; North Market Street is the western boundary and in addition to being a commercial corridor in need of economic revitalization, it is the point where the parkland bordering the Brandywine Creek abruptly stops in this underserved area of the city. Vandever Avenue is the northern boundary and is an extension of U.S. Route 202, an interstate corridor; the Northeast Boulevard is the eastern boundary and is a major commercial corridor.

Even though there have been significant efforts in the Brandywine River Northeast area to stabilize and improve housing, it has not been enough to bring economic development to the community. The housing remains mainly non-market rate or subsidized, and it does not attract businesses and much needed employment to the area. The community is left with an inaccessible and unsafe riverfront that has no green space; transportation infrastructure that does not sufficiently address alternate transportation modes such as walking and cycling; and water quality issues which have resulted in the Brandywine River being listed as one of Delaware's 303(d) impaired waters.

Contacts:

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Our proposal is a joint effort between the City of Wilmington and the University of Delaware (UD), a public educational institution providing expertise from the UD Center for Community Research and Service, the UD Water Resources Agency, the UD Small Business and Development Center, and the UD Delaware Sea Grant College Program. Additionally a core of dedicated organizations and agencies consisting of Old Brandywine Village, Inc., a 501c3 community non-profit organization, the HOPE Commission, the Delaware Department of Natural Resources and Environmental Control, and The National Oceanic and Atmospheric Administration are also partners in this grant application.

The goal of this project is to develop an EPA Brownfield Area-Wide Planning Grant (BFAWP) which will provide a unique opportunity for substantial progress to be made in an impoverished community with extensive social equity, environmental, and brownfields challenges. Residents will develop a new vision for the neighborhood, consistent with the larger redevelopment plans for the Northeast and the City of Wilmington. Plans will be designed specifically to address the environmental crises, provide economic development to this unique waterfront urban area, and build the capacity needed to continue to address the social challenges facing the residents of Delaware's largest city. *Progress cannot be made in this portion of the city without addressing the brownfields that are restricting access to the water, contaminating the environment, and constraining economic development--which is why this planning grant is a necessary next step for the struggling community.*

Sincerely,



Leonard Sophrin, A.I.A., Director
Department of Planning and Development

Narrative Proposal
City of Wilmington Delaware
Brandywine Riverfront, Northeast

1. Community Need.

a. The economic concerns of the Brownfield Area-wide Planning Grant (BFAWP), *Brandywine Riverfront, Northeast* project focuses specifically on a central urban neighborhood that, over two centuries, was a hub of industrial activity. With access to the Brandywine River, and the Delaware Bay, industry boomed (from tanneries and mills to power stations and salvage yards). The industries are gone. The last closing in the project area occurred in 2001.

Table1

	BF AWP Project Area	City	County	State	National
Population	2,649	71,283	549,684	925,749	308,745,538
Unemployment	12.6%	10.8%	8.1%	8.4%	9.3%
Poverty Rate	37.55%	26.1%	10.7	11.5	10.9
Minority	88.1%	62%	32.6	29.5	23.3
Median Household Income	\$24,453	\$38,386	\$60,119	\$64,670	53,046
Vacant Housing	24.02%	16.2%	6.8	17.7	12.5
Owner Occupied Homes	37.59%	46.4%	70.2	72.7	65.5

The information contained in this chart is derived from the 2010 US Census

This project area is located in the Northeast section of the City of Wilmington, DE on the north bank of Brandywine River in Census Tract 6.02. Based on the 2010 US Census, this corridor of the City is characterized by mostly non-Hispanic black neighborhoods in an underserved community with low property values, abandoned residential and commercial properties, brownfields sites creating industrial blight – an environmental justice community in need of assistance to stimulate community revitalization. The project area contains 100 acres of which 25.48 are vacant. The entire census tract of 6.02 only contains an additional 1.78 acres of vacant land. The project area encompasses large portions of two Urban Renewal Areas, the Greater Brandywine Village Urban Renewal Area (adopted January 2002; expires May 2029) and the Northeast Urban Renewal Area (adopted May 1988; expires May 2028). The 2010 census data shows that 56.4 % of the housing units in census tract 6.02 were built in 1939 or earlier, and 19.6% of the housing units were built between 1940 and 1949. Many of these properties are functionally obsolete and are vacant due to condition or are owned by absentee landlords, who can purchase them for substantially below market rate housing prices. The census data shows that 24.02% of housing units are vacant and 38.19% of the housing units are renter occupied.

Private funding mechanisms are extremely limited. The economic demographic data clearly indicate large areas of homogenous poverty and concomitant high crime rates. Flooding due to passing storms is common, storm water management is still a challenge, and brownfields also

contribute to the risk for private investment. For instance, a developer of the HUD HOPE VI housing village near the project area was unable to secure financing for non-subsidized housing in one of the best locations within the proposed project area due to the crime rate. A riverfront redevelopment project will help to reduce crime in the area and allow for such housing.

b. Social, public health and environmental concerns

Social concerns: Crime is consistently named the number one concern by the community. There have been 77 shootings so far this year in Wilmington, three of which occurred in the proposed project area; one of these was fatal. In 2014 the violent crime rate per 100,000 people in Wilmington was 866.8 compared with 202.6 for the U.S. average. Wilmington again ranked third in violence among 450 cities of comparable size (News Journal). City officials and community organizers recognize the urgent need for after school, out of school, and especially weekend programs for youth to begin to reduce their recruitment into violent situations. The largely low-income population, with high levels of unemployment, low educational attainment levels (1/3 of those over 18 did not complete high school), and unskilled workforce (i.e., over 55% of employed persons work in office or administrative support positions) requires assistance to organize and implement programs and plans to improve their community and future prospects.

Public Health concerns: According to 2013 Center for Disease Control and 2010 census data, people living in census tract 6.02 were more likely to report having asthma, hyper tension, and having been diagnosed with a stroke as compared to the City of Wilmington, New Castle County, and the State of Delaware. They were also more likely to report fair or poor health.

Environmental Justice concerns: Low-lying areas along the Brandywine River were used for industry and/or disposal/filling. Stormwater management challenges and CSO discharges continue to degrade water quality. One tributary, Brandywine Creek, remains on the State of Delaware 303(d) List of impaired waters. As a result of these and other factors, the value of the Brandywine River as a recreational, aesthetic, and environmental resource is not available to project area residents. Community planning efforts to date have identified interest by many residents in providing access to the water, securing sustainable greenspace, and improving the aesthetics of the project area generally. The inaccessible and unsafe riverfront could be a key component of transportation infrastructure for alternate transportation (walking and cycling), consistent with HUD-DOT-EPA Livability Principles.

c. Brownfields challenges

The *Brandywine Riverfront, Northeast* 100-acre project area contains *ten* state certified brownfields sites, of which three are not fully remediated. The area also includes additional, non-certified brownfields sites. One of the catalyst brownfield sites is the former Diamond State Salvage site. The remaining sites are in various stages of investigation and along with the Diamond State Salvage have not been assessed in the context of a riverfront project consisting of numerous sites. All of the sites in the project area are in the base flood plain or the 500 year flood plain, complicating redevelopment and underscoring a need for climate resilient solutions.

A serious challenge is achieving collective impact over a reasonable implementation time frame, especially in an environmental justice area with many brownfield sites. Northeast Wilmington is a prime example this. It is now 18 years between the HUD HOPE VI Village of Eastlake project and a serious attempt to link this very successful initiative with the Brandywine River and amenities for residents like biking and water access for canoeing or kayaking -- a mere five blocks away. Lacking the funding to deliver the amenities along the river proximate to the various housing investments and to deal with the stormwater and flooding issues has contributed

to the continuing high level of environmental justice concerns and the low socioeconomic levels plaguing the project area.

There is one waterfront business that blocks the continuous riverfront project pathway from Brandywine Park at N. Market Street to the Northeast Boulevard, with no available right-of-way paralleling the property. Fortunately, the property owner is a member of the Community Steering Committee and is anxious to have the pathway extend through the property.

2. BE AWP Project Description.

a. The project area boundaries for the *Brandywine Riverfront, Northeast* 100 acre project area were developed through a series of public meetings. Each border has been the target of substantial public investments for infrastructure and affordable housing development; each corner is a critical transportation intersection. For instance, the intersection of Vandever Avenue and Northeast Boulevard is a major gateway to the intra-modal (rail, trucking and shipping) infrastructure of the Northeast Corridor. The project area is appropriate and reasonable, it represents a distinct community riverfront with sites that are all connected through location, infrastructure, and environmental conditions. The project area is within the larger Northeast Wilmington Blueprint Community, and recognized as the highest priority area within that plan for remediation and redevelopment.

The north shore of the Brandywine is the southern boundary and separates Northeast Wilmington from downtown Wilmington; N. Market Street is the western boundary and in addition to being a commercial corridor in need of economic revitalization, it is the point where the parkland bordering the Brandywine abruptly stops in this underserved area of the city; Vandever Avenue is the northern boundary and is an extension of U.S. Route 202 an interstate corridor; the Northeast Boulevard is the eastern boundary and is a major commercial corridor.

b. There are two catalyst, high priority brownfield sites that comprise the largest portion of the shoreline in the project area. The first is the 4.25 acre waterfront Diamond State Salvage site, a State Certified Brownfield Site. The second is the 2.77 acre waterfront Wilmington Maintenance Yard, a vacant and underutilized property. These two sites are owned by the City of Wilmington and both meet the definition of a brownfield.

Combined, the catalyst high priority brownfield sites provide enough acreage for green infrastructure solutions, a pedestrian and biking pathway and river access. In addition, remaining land is sufficient for a building envelope to accommodate mixed-use development. The sites will act as a leveraging point for infrastructure improvements and for providing the opportunity for the community to access the riverfront, as well as integrating the riverfront and the project area into the surrounding communities. The sites were also selected because they provide a strong potential for revitalization of the project area and for increased stability for the surrounding area. By 2006 enough stabilization had occurred to begin to seek funding for a project to redevelop the riverfront in the project area, unfortunately the recession of 2008 slowed interest and opportunity for this initiative.

Currently both sites are vacant and idled. The Diamond State Salvage underwent a removal action under the EPA Removal Program in 1998-1999. The Wilmington Maintenance Yard has never had any remedial investigation conducted and only now is undergoing a facility evaluation. However, as part of the BF AWP project both sites will undergo extensive sediment and surface water assessment and be part of the green infrastructure, living shoreline planning and design. Once this green infrastructure concept is funded and implemented, including the pathways, shoreline stabilization and required acreage set-asides, future developers will remediate the

remaining acreage based on the final use of the property, without having the burden of investigating and remediating the shoreline.

c. Detailed and realistic grant project budget

Budget Categories	Task 1 Cooperative Agreement Management	Task 2 Community Involvement	Task 3 Existing Conditions Research	Task 4 Catalyst/High Priority Brownfields Site Reuses	Task 5 Next Steps/ Research Needed Implementation Strategy	Task 6 Development of Final Report	Total
Personnel							
Fringe Benefits							
Travel		\$500	\$1,100	\$400.00	\$200.00	\$200.00	
Contractual*		\$11,800	\$33,210	\$63,450.00	\$46,840.00	\$35,200.00	
Supplies		\$1,000	\$2,100	\$400.00	\$500.00	\$600.00	
Other							
Leverage Funds	\$10,000	\$42,000	\$5,000.00	\$41,000.00	\$29,500.00	\$10,500.00	\$138,000
EPA Funds	\$0.00	\$13,300	\$36,410.00	\$64,250.00	\$47,540.00	\$36,000.00	\$197,500
Total Project Cost	\$10,000	\$55,300	\$41,410.00	\$105,250.00	\$77,040.00	\$46,500.00	\$335,500

* Applicants must comply with the procurement standards contained in 2 CFR 200.317 through 200.326

Task #1: Cooperative Agreement management:

The City will manage the Cooperative Agreement through its Departments of Public Works and Planning. The total costs will be provided by the City; Contribution: (\$10,000 in staff time).

Task #2; Community Involvement:

I. Hire a Planning and Environmental Consultant: Preparation of plans and materials and attendance at community meetings - Cost \$13,300.00 (senior engineer 50 hrs. @160.00/hr.; designer 40 hrs. @\$95.00/hr.; travel, \$500.00; reproduction costs,\$1,000.00).

II. Increasing the capacity for community involvement and bringing the information to the community that will provide the basis for residents to make informed decisions is a main focus of this grant. To that end, resources partners will contribute in-kind staff time and attend Community Steering Committee meetings bringing their expertise to the residents:

- Technical assistance to increase local community capacity for a wide range of area stakeholders to provide direct and effective involvement in developing and implementing the brownfield area-wide plan will be provided by the University of Delaware Center for Community Research & Service; (\$10,144) [25% time/cost (\$4,671) Graduate Research Assistant, and 6.5% time/cost (\$5,473) University staff.
- Old Brandywine Village, Inc. will provide backbone support to the community (Community Steering Committee) coordinating between the community, the University of Delaware, consultants and additional resource partners, Value: (\$5,000 volunteer time).
- NOAA will bring expertise in communicating risk analysis of contamination on site and site cleanup and restoration scoping to the residents as presentations or workshops (\$3,000.00).
- DNREC, Brownfields Cord. will bring technical expertise and grant guidance (\$6,000.00).

- UD Water Resources Agency will bring expertise in the economic value of mixed-use redevelopment along waterfronts that include green space; provide direct communication link to the City Public Works Department; bring water resources related information/data to the residents on behalf of the City and ensure City support for the project outputs (\$5,000.00).
- DE Sea Grant will work with residents and consultants to develop design concepts for smart, accessible and sustainable recreational and tourism opportunities on the Brandywine within the project area (\$5,000.00).
- The UD Small Business Development Center will provide its expertise in business and economic development, business research and analysis to evaluate business opportunity within the project area; resident ideas will be evaluated and will be communicated at the Community Steering Committee meetings (time/tools @ \$5,000.00).
- The HOPE Commission will provide meeting space at no cost: value, 10 meetings \$3000.00.

Task # 3: Existing Conditions Research:

I. Provide basic demographics and other data that will inform the residents of the community in their decision-making in the brownfields planning process.

- University of Delaware Center for Community Research and Service (CCRS) will conduct base-level research using existing research tools, such as GIS-mapping, PolicyMap, Census FactFinder, etc. to provide data; Contribution: \$5,072.00 [12.5% time/cost (\$2,335.50) Graduate Research Assistant, and 3.25% time/cost (\$2,736.50) University staff].

II. The Planning and Environmental Consultant to:

- Evaluate the existing historical or ongoing community plans and discuss possible alternatives or options with the stakeholders and residents. Identify existing infrastructure and conditions within the project area. Evaluate the needed infrastructure and related improvements that will support brownfield reuse and area revitalization by assessing and combining numerous plans and stated wants and desires of the infrastructure providers, stakeholders and residents into one comprehensive plan.
- Coordination with numerous agencies to evaluate and incorporate in-progress or previously completed planning efforts for the study area. Work with stakeholders to evaluate and encapsulate known planning recommendations in the area as well as coordinate with ongoing efforts for revisions to the City Comprehensive Plan and the Northeast Blueprint Community Initiative.
Cost: \$36,410.00 - Preparing plans and materials, attendance at community meetings, perform necessary research, (senior planner, 34 hrs.@\$160.00/hr.; senior scientist, 40 hrs.@\$110.00/hr.; staff engineer, 38 hrs.@\$115.00/hr.; designer, 200hrs@ \$95.00/hr.; travel, \$1,100.00; investigation costs, \$2,100.00).

Task #4: Catalyst/High Priority Brownfield Site Research:

I. The Planning and Environmental Consultant to:

- Determine the best and highest use for each of the high priority catalyst sites and the project area. Evaluate the economic needs of the area, balance the requirements of remediation against the viable uses and costs associated with remediation.
- Evaluation to define adverse environmental impacts to the catalyst sites and affected properties, and quantify, in terms of cost, time, and effort, what is necessary to bring the subject property back to a usable condition. Through review and analysis of information collected to date, including identified recognized environmental conditions (RECs) or data

gaps. Perform an analysis of RECs or data gaps only if they are relevant to the objective and need further understanding to become part of the conceptual model for a given site. Once the model is built to support the objectives of investigation, the assessor considers the fate and transport, environmental transformation products, mechanisms of release in hypothesizing target locations and media for sampling.

- Preparation of a site remediation/reuse concept will be completed for the catalyst sites and the surrounding areas where appropriate. Through the discussions among all project stakeholders, a site concept will be crafted proposing the best use for each site considering affordability, cost effectiveness and compliance with Local, State and Federal regulations. The site re-use will reflect the results of these discussions and will comply with the EPA Greener Cleanup and Sustainable Reuse Policy in executing site clean-up, as well as ongoing reuse and development. Cost: \$64,250.00 - Preparing plans and materials; attendance at community meetings; perform analysis of information available; prepare summary documents; prepare concept of reuse; (senior engineer/planner, 120 hrs.@\$160.00/hr.; senior environmental scientist, 40hrs@\$110.00/hr.; staff engineer/planner/scientist, 140 hours@\$115.00/hr.; designer, 250hrs@\$95.99/hr.; travel, \$400.00 and reproduction costs, \$400.00).

II. NOAA will participate in technical discussions regarding existing levels of contamination on site including reviewing existing and historical data and reports and provide recommendations to address potential data gaps, make recommendation for potential future sampling considering the site reuse goals, identify potential risk management components that could be incorporated into site reuse plans, (i.e. integrate cleanup considerations with site reuse as much as possible). Coordinate with efforts to educate the residents, students and adults. Contribution: \$35,000.000 (staff time and materials)

III. DNREC staff will assist in providing research concerning stormwater, watershed assessment, and brownfield reuse in the project area, and ensuring compliance with all applicable or relevant and appropriate requirements (ARARs). Contribution: \$6,000.00.

Task #5: Next Steps & Resources Implementation Strategies:

I. The University of Delaware Center for Community Research and Service (CCRS) will evaluate specific proposed brownfield development strategies that advance sustainable and equitable revitalization within the Brownfields Area-wide Plan and discuss the evaluation with residents. Contribution: \$5,072 [12.5% (\$2,335.50) Graduate Research Assistant compensation, and 3.25% (\$2,736.50) University staff compensation].

II. The Planning and Environmental Consultant to:

- Evaluate specific strategies that maintaining essential ecological processes that depend on natural ecosystems provide real economic services. Wetland and riparian enhancements as well as green infrastructure improvements will be considered to manage urban stormwater restore systems choked out with invasive species, re-purpose abandoned and dilapidated sites that are limited to only particular nutrient uptake and currently serving little function/value to residents.
- Evaluate and propose plan implementation strategies. Evaluate and define timetables for specific short and long term actions for each of the strategies. Prepare a list of resources available and resources which may still be required to implement the Plan. Meet with Stakeholders to discuss strategies and leveraging opportunities available to implement the Plan. Identify key partners responsible for specific implementation actions. Cost: \$27,540.00 Preparing plans and materials; attendance at community meetings; summarize analysis of information available; develop next steps and strategies; (senior engineer/planner, 80 hrs.@\$160.00/hr.; senior environmental scientist, 40hrs@110.00/hr.;

staff engineer/scientist, 64hrs@115.00/hr.; designer, 24hrs@\$95.99/hr.; travel, \$200.00; reproduction costs, \$500.00).

II. NOAA will provide specific technical expertise for ecological habitat restoration including living shorelines, wetlands, and riparian areas consistent with reuse objectives; increasing the ecosystem services provided at the site including stormwater benefits from surrounding off site areas within the target area using green infrastructure and low impact development techniques, and increase environmental education and recreation uses at the site. Contribution: \$7,500.00 (staff time/materials)

III. DNREC will assist in green infrastructure, low impact development, and providing guidance on smart growth principles and providing education to the community. Contribution: \$2,000

IV. UD Water Resources Agency will coordinate with the Wilmington Department of Public Works to ensure full City support for projects and alignment with City schedules. Contribution: \$ 5,000.00

V. DE Sea Grant will coordinate previous work with residents to develop preferences for design concepts into the recommendations the consultants will develop to ensure that community preferences are clearly articulated to the consultants. Contribution: \$5,000.00

VI. Contract for an economic assessment and market analysis to ascertain what type of businesses will be most likely to succeed in the project area and surrounding community at \$20,000.00

VII. UD Small Business Development Center will provide its expertise in business and economic development, business research and analysis to evaluate business opportunity and make recommendations for the plan. \$5,000.00 (staff time and cost of tools)

Task # 6: Develop Final BFAWP Document:

I. The Planning and Environmental Consultant to prepare the Brownfields Area-wide Plan as follows:

The Brownfield Area-Wide Plan will be prepared and presented to the stakeholders at the sketch phase, several development phases, a Final Plan phase and will consist of the following:

- A summary of the various community activities performed throughout the project
- An explanation of the Communities' priorities and a list of strategies that help meet those strategies.
- The results from the brownfield research and project area conditions.
- Specific re-use scenarios for the catalyst, high priority
- Detailed plan implementation strategies which identify specific actions, resources available and resources needed to implement the plan and will include:
 - Assessment and cleanup activities needed;
 - Catalyst, high priority brownfield site(s) improvements and other project area improvements, infrastructure investments that are needed to support brownfield reuse and advance sustainable revitalization, and improve public health, within the project area.
 - Near term versus long term actions and priority projects;
 - Specific partners already involved or need to be involved to lead the specific action; and
 - Specific resources of funding, prioritized investment projects and resources needed within the project area.

Cost: \$36,000.00 Preparation of final plans and reports; attend community meetings; summarize analysis of available information; presentation at community meeting; define next steps and strategies (senior engineer/planner, 60hrs@160.00/hr.; senior environmental scientist, 80hrs@\$110.00; staff engineer/planner/scientist, 80hrs@\$115.00/hr.; designer, 80hrs@\$95.00/hr.; travel, \$200.00; reproduction costs\$600.00).

II. NOAA will assist with the development of the final plan by providing written content for specific sections; reviewing the draft report and assisting in finalizing the report by responding to comments; and obtaining additional information or providing research as needed. \$4,500.00

III. DNREC will assist with the development of the final plan in areas concerning brownfield reuse, appropriate land use, and green infrastructure design. \$ 6,000.00

3. Benefits to Community.

a. The catalyst sites within the project area have the greatest potential to spur economic redevelopment because of their location along the Brandywine River and their proximity to downtown Wilmington. The opportunity to successfully develop these sites rests largely with other public investments that have been made bordering the project area. The amenities that these sites will provide will further stabilize the area and help to stem the continued interest from landlords looking to take advantage of depressed real estate prices in the area. This is especially important for the Habitat For Humanity homes and the HUD HOPE VI project, East Lake Village.

The Brandywine River represents the greatest community asset, an asset that is completely inaccessible by the community. Immediately northwest of the project area, at N. Market Street, is the location of a world renowned corridor of preserved landscape, trails, museums and cultural attractions. The riverfront in the project area represents the next link in a 35 mile trail system emanating north and south from Wilmington. The trail within Wilmington will include the project area and the south shore of the Brandywine, providing an uninterrupted trail from the Pennsylvania state line to the Wilmington train station and the Christiana Riverfront trail heading south. This trail system will also link the series of National Park sites in New Castle County with a facility that accommodates all users regardless of skill level.

To foster environmental justice, this section of the Brandywine should be developed as an extension of that system and take advantage of a major opportunity to extend the aesthetic of the park system, create a sense of place, and provide for healthier lifestyles in this largely minority and low income community. The two high priority catalyst will be a prime intersection of the national East Coast Greenway trail and water access for a companion blueway that will provide opportunities to bring a large customer base to the project area. This customer base, combined with the community customer base, will support for-profit recreational businesses, such as canoe and kayak rentals, fly fishing outfitting and lessons, bike rental and repair, and the attendant spin off businesses like eateries. This will provide residents with social and economic opportunities to participate in a new heritage tourism/recreation industry in the area that will include local jobs.

The concept of bringing businesses to the community that have a customer base that can be combined with the community customer base is an economic development strategy introduced to the community by the University of Delaware Small Business Development Center (SBDC), a Brandywine Coalition partner. Masley Enterprises, a light manufacturing business included in the project area, asked the SBDC to assess recreational business opportunities on this section of the Brandywine as an MBA class project. The assessment included only canoe and kayak rentals and planned rides. Results indicated a viable business opportunity with sizeable growth potential.

b. The project will help identify and reduce threats to human health and the environment, and improve the welfare of sensitive populations along the Brandywine riverfront whose industrial

legacy left in its wake a damaged shoreline, contaminated lands, blight and lost opportunities. Identification of specific sources of contamination, erosion and stormwater effects, and the threats related to the economic, social, and human and environmental health of the area will occur through site reconnaissance. Existing remedial investigations and risk analyses will be conducted. The impacts of these environmental threats have, and will continue to be correlated to high infant mortality, low birth weights, inhalation and dermal exposure to a variety of contaminants in the soil, air and water. Vacant and unsecured properties along with increased flooding on impervious surfaces, increase the safety and health risks for children and residents who currently transverse these contaminated sites. These are much more than aesthetic concerns; dermal exposure, ingestion, and inhalation of contaminants—particularly by children—pose real threats of physical harm. Rusted and broken fencing is not sufficient to prevent accidental or intentional entry into the adjacent flooded quarry.

In addition to direct threats to health and safety, the brownfields prevent economic development resulting in an urban food desert, limited transportation options, restricted recreational opportunities, all of which clearly delineate the project area as an environmental justice community. Residents frequently supplement their diets through subsistence fishing from River waters regardless of active fish advisories. Bioaccumulation of ingested contaminants is particularly hazardous for children and pregnant women.

The project plan will provide a critical first step in reducing many of these threats by providing a structured, comprehensive plan for the remediation and redevelopment of the contaminated brownfield sites in this high poverty, high minority residential area. Expansive brownfields, replaced with green space, alternative transportation, businesses, and residential housing—all located on the banks of the Brandywine River—would act as a catalyst for the larger Northeast neighborhood and serve as an anchor project alleviating the environmental justice issues in the project area and for the Habitat for Humanity and Village of Eastlake (HOPE VI) home owners who will not be priced out of the area with this redevelopment.

Concurrent with the Blueprint Communities Northeast initiative and this grant, Christina Care Health Systems will provide information bridging strategic priorities of the Community Health Improvement efforts at Christiana Care with the community revitalization efforts planned in this grant process. Christiana Care is interested in the broad scope of the project partners assembled for this grant and sees this as an opportunity to bring technical and logistical support for a Health Impact Assessment related to various aspects of the planning process. Christiana Care realizes that the chance to thrive in society and do so while healthy and well, is unevenly distributed within and across our communities. Having the health care industry included in the EPA Area-wide Plan for the project area as a component of a collaboration for Northeast Wilmington will help to further establish a foundation of community-level inclusion in place-based development efforts that will improve the opportunities for residents to thrive in all aspects of their lives.

c. i. Specific, realistic, direct and measurable benefit outcomes will be achieved with the project plan. It will propose measures to stimulate economic development through the creation of recreational amenities and eco-tourism opportunities. The plan will specifically recommend the most appropriate for-profit recreational business opportunities including attendant spin-off businesses, like eateries/cafes. An economic assessment will be performed to determine the number of business types and measure the potential economic contribution of each type of business appropriate for this project area. Specifically, the assessment will measure the number of community based jobs. The final economic development that will be measured is the relationship between equitable housing options and business creation. The plan will also calculate the number of temporary and trade jobs created throughout implementation.

The project plan will facilitate the enhancement of existing transportation infrastructure. Within the boundary of the project area, several existing streets perpendicular to the Brandywine will be improved with lighting and green infrastructure leading the larger community to the river and the amenities within the project. Specifically, the plan will calculate the types of additional linear feet of alternative transportation enhancements, such as sidewalks and pathways, landscaping and tree planting, and stormwater management needed. The plan will also recommend funding strategies for implementation of these enhancements.

The project plan will also create and preserve green infrastructure and create recreational opportunities. The plan will determine the amount of green space needed to address the severe stormwater and CSO discharges in the project area, as well as integrate climate resiliency principles. The plan will recommend an environmentally sensitive approach to addressing these issues. The plan will calculate the amount of green infrastructure recommended, the amount of stormwater and CSO discharge diverted and managed, and the amount of additional green space and recreational amenities recommended.

ii. The plan will increase sustainability and equitable development by providing amenities that are attractive to the residents as well as to the broader City and suburban populations. The community vision for the Brandywine Riverfront, Northeast project area incorporates the HUD-DOT-EPA Livability Principles that include building a place oriented community focused on the natural resources of the Brandywine River. The plan will address the environmental barriers that currently exist along the shoreline of the project area, and will remove the social barriers this community experiences in accessing the natural assets of the Brandywine River.

Additionally, the plan will advance the Livability Principles by calculating the amount of leveraged public investment directly supporting the development of the project area to include existing investments in HUD housing and other subsidized housing, the DelDOT/DOT projects, and the existing DNREC/EPA funded brownfield projects.

The plan will include additional transportation improvements to provide for more transportation choices. These improvements will be coordinated through Wilmington Initiatives, a partnership between the City of Wilmington, DelDOT, the Delaware Transit Corporation, and the Wilmington Area Planning Council. The City will support transportation improvements throughout the Northeast, either in the form of a TIGER Grant or other transportation improvement programs.

The plan will call for quality, affordable housing in the project area. The number of affordable housing units added to the project area will be measured.

4. Performance Measurement: Anticipated Outcomes and Outputs

a. Environmental Outcomes

- Improve water quality associated from urban stormwater runoff and provide access to the Brandywine Creek in an underserved community
- Physical maps and renderings of locations and types of living shoreline, LID and GI practices will be developed.
- Environmental justice will be improved for the northeast neighborhoods of Wilmington as the Brandywine is redeveloped and the trail is built along the river.
- Potential connections to regional trail and pathway systems will be identified.
- Capture stormwater from the northern boundary of the project area running down the perpendicular streets from Vandever Ave. to the Brandywine.

Environmental Outputs

- Identify areas along the Brandywine River's highly eroded banks that will be stabilized using living shoreline stabilization techniques and identify areas landward of the shoreline for LID and GI practices.
 - Will include renderings of the living shoreline, LID and GI practices.
 - Creation of maps to illustrate the proposed green space and trail along the Brandywine including safe access points
 - Funding strategies for implementation
- b. The plan will provide appropriate measures of success for the project by calculating:
- The amount of stormwater runoff diverted through the green infrastructure improvements called for in the plan.
 - The anticipated amount of diverted sediment and nutrient load to the river.
 - The amount of greenspace, trail and recreational amenities called for in the plan.
 - The percentage of the community population that will now have neighborhood access to the riverfront.
 - The anticipated economic development to be derived from the plan.
- c. Progress in achieving project outcomes/outputs will be tracked, evaluated and measured by:
- Developing a matrix to track the recommended funding strategies and the progress in applying for and receiving funding for plan enhancements from a variety of sources.
 - Tracking the number of community meetings, the elements of the plan discussed and the decisions and recommendations of the residents.
 - Tracking the percentage of resident decisions and recommendations included in the plan.
 - Tracking any additional benefit outcomes proposed in **3.c**

5. Community Partnerships and Engagement.

a. In the project area there is an existing collaborative effort that began in 2012 when Old Brandywine Village, Inc. along with the City of Wilmington assembled a broad group of stakeholders, resource partners, federal, state, municipal representatives, and community leaders and formed the Brandywine Coalition. The Coalition works to determine how to bring forward previous work accomplished in and around the project area, and align that work with additional work needed to create a sustainable process to redevelop the urban Brandywine based on a community vision that was developed with residents attending Coalition meetings and through separate evening meetings that were more convenient for many residents.

The effort has made great strides and Brandywine Coalition partners were instrumental in having Wilmington named in the Urban Waters Federal Partnership for the Greater Philadelphia, DE River Basin; having Northeast Wilmington receive a Blue Print Communities designation; and in applying for and obtaining a DNREC Community Environmental Project award to begin the environmental work along the shoreline to include the two project area catalyst brownfield sites in developing a concept plan based on the community's vision for the shoreline.

The project will be consistent and integrated with other planning programs, namely the City of Wilmington's Comprehensive Plan, Delaware's First State Trails and Pathways Plan, and most importantly, in terms of the resources that will be available to the community, the Blueprint Community Northeast Initiative. The Blueprint Communities Delaware Program is a joint initiative of the University of Delaware and the Federal Home Loan Bank of Pittsburgh, and is

fully supported by the City of Wilmington. The initiative is a community-driven planning process, the core purpose being to engage residents and businesses to work together to connect neighborhood institutions in building collective, sustained community impact. The work includes building the social capital of the community through strengthen agencies such as those in the project area, namely: The Achievement Center, a partnership of the Wilmington Hope Commission and the Kappa Alpha Psi fraternity that provides for support for persons releases from prison to help ease their transition back into the community; The Wilmington Job Corps, a program administered by the U.S. Dept. of Labor that provides job training for eligible residents between 16 and 24 years of age; and The H. Fletcher Brown Boys and Girls Club, which provides recreational activities, educational enhancement, mentoring, and health programming.

The project area serves as the logical next step in the development of the broader area based on its ability to provide amenities to both the project area and the surrounding community. The stabilization necessary to redevelop this section of the riverfront has been achieved through the public investments made along the corridor boundaries and within the project area, including investments in affordable housing in the immediate area north of and including Vandever Ave.

It is important to note that even with all of this investment, economic activity along Market Street has not occurred, and the businesses along the Northeast Boulevard are largely used car lots, dollar stores, and liquor stores. The community continues to be pulled down by the abandoned riverfront and vacant area within the proposed project boundaries. This underscores the need for a BFAWP project along the riverfront.

The project will use the development of the BF Area-Wide Plan to improve the existing community engagement structure and allow it to move it to a more sustainable level that institutionalizes the role of the community in planning and implementing redevelopment of the area through inclusion of their decisions in the Wilmington Comprehensive Plan.

b. Project Partners

Organization Name	Contact	Specific Role	Already Involved	Will be Involved
City of Wilmington	Leonard Sophrin	Cooperative Agreement Management	Yes	Yes
Old Brandywine Village, Inc.	Bobbi Britton	Community Involvement	Yes	Yes
UD Water Resources Agency	Martha Narvaez	Water Quality & liaison with City Dept. of Public Works	Yes	Yes
UD Small Business Development Center	Mike Bowman	Economic & Business Development	Yes	Yes
UD CCRS Center for Community Research & Service	Steve Peuquet	Providing University resources from many departments	Yes	Yes
UD CCRS	Roger Hesketh	Community Involvement	NA	Yes

UD Community Engagement Initiative	Jason Bourk	Community Engagement & UD internal coordination	NA	Yes
Delaware Sea Grant	Jen Merrill	Recreation and Eco-tourism & project design	NA	Yes
DNREC	James Poling	BF Program Coordination	Yes	Yes
Christiana Care	Brian Rahmer	Public Health	NA	Yes
NOAA	Simeon Hahn	UWFP coordination; GI Habitat expertise	Yes	Yes

c. BFAWP Process for the Brandywine Riverfront Northeast project has obtained the commitment for the University of Delaware School of Public Policy & Administration, Center for Community Research & Service to provide expanded support for this EPA grant and will partner with Old Brandywine Village, Inc. to take responsibility for coordinating the project work among all project partners and consultants. The partners will assist in planning meetings, workshops, charrettes, and will provide information for and participate in community meetings to educate the community on the issues, and answer questions as needed.

These project partners have worked on a variety of initiatives with most if not all of the project team. All of the environmental outputs will be included in the newly created Wilmington Citywide Comprehensive Development Plan. The project partners have agreed to pursue funding for the priorities identified in the plan and will provide staff resources to those priorities as appropriate to their specific role in the project's plan. The partners will also create a timeline of implementation based on the most likely funding opportunities. The partners will create a tracking task-and-action matrix that will be updated monthly, and the managing partners will take responsibility for ensuring the matrix is updated. Presently there is not a formal governing structure among the project partners for managing the BFAWP decision-making process.

The partners will meet quarterly to review project progress and discuss any modifications. The agenda will include new funding opportunities, obstacles to achieving agreed to timelines, and opportunities for bringing in new partners. A primary focus will be to confirm that project tasks are in line with community input.

d. Process for Incorporating Community Input

The Community Steering Committee is comprised of residents, business owners, pastors and property owners living in and proximate to the project area. The committee structure was developed by the community to define how they want to receive information, provide input and make reuse decisions. It is currently being used for a DNREC grant for a living shoreline concept plan. The community specifically stated that they wanted to work through existing community organizations. Therefore, the composition of the Community Steering Committee will be: a resident member of the Third District Planning Council; a representative from each civic association proximate to the project area; up to six residents, business owners, pastors and other stakeholders who are willing to commit the time necessary to complete this project--they will comprise the voting body of the committee. Resource partners needed to fund, manage and provide the information that the committee needs are also members. The resource participants will be a DNREC staff partner, a representative from NOAA, a UD faculty member, a staff member from the City of Wilmington, a board member from OBV, and additional UD faculty and other partners appropriate to the tasks under discussion. A series of larger community

meetings will be held to review the decisions of the steering committee. These meetings will include residents, stakeholders, elected officials, the business community, and all in the community who are interested.

6. Programmatic Capability and Past Performance.

a. Qualifications, and resources

The City maintains the in-house technical and administrative capability to successfully complete design and construction phases of multi-million dollar capital improvement projects including but not limited to: contracting; bidding; bonding; payment; construction plan and shop drawing review; construction oversight and inspection; construction administration. The City also has experience implementing grant projects. In November 2011, the Department of Public Works successfully implemented an Urban and Community Forestry Grant awarded by the Delaware Department of Agriculture Forest Service which focused on replacement of hazardous street trees. The Department of Public Works is a partner with the Delaware Center for Horticulture in the implementation of a State and Private Forestry grant funded project Bioretention with Trees, which focuses on using trees as a stormwater management tool in urban areas.

The City of Wilmington has a positive working relationship with all of the state, local and nonprofit partners named in this grant and has a demonstrated working relationships with these groups on numerous projects. City staff will serve as a resource to the Community Steering Committee and will provide Cooperative Agreement Management:

- i. Cooperative Agreement Management – City of Wilmington, Matt Harris, Planner II will serve as the City project lead for this grant; participate in the grant team, tracking progress of the activities and the outputs and outcomes and reporting the same to the EPA as required.
- ii. Fiscal Management – City of Wilmington, Vincent Carroccia, Director of Administrative Services for the Public Works Department will manage the fiscal resources of the grant, drawing down the funds and reporting of the fiscal expenses as required.

b. Describes successful past performance managing assistance agreements

The City of Wilmington has received numerous federal and non-federal grants and has demonstrated its capacity to successfully implement the proposed grant. The City of Wilmington has demonstrated through over \$30 million in capital construction to date its ability to have teams study, design and build projects that create environmental improvements. Some of these achievements include the design and construction of key CSO projects including: the Canby Park Storage Facility, the Global Optimal Real Time Control System, sewer diversions, elimination of dry weather overflows, Nine Minimum Control Compliance, sewer separation, street storm water separation, and residential storm water separation. Implementation of these key projects is estimated to achieve over 90% wet weather capture, on average system wide, well beyond the 85% capture requirement established in National CSO Policy. In addition, the City has directly supported a number of pilot green infrastructure projects including bio-swales, rain gardens, green roofs, and porous pavement. The City has successfully managed past federal and non-federal grant agreements and met the reporting requirements deliverables and outputs in a timely manner.

7. Leverage which is confirmed by the attached LOC's to be used during the grant period:

1. \$10,000.00 in leveraged staff support from the City of Wilmington for Cooperative Agreement Management during the grant project period.
2. \$5,000.00 in leveraged volunteer time from Old Brandywine Village Inc., to provide backbone support to the community engagement process; partnering with the University of Delaware to coordinate among the partners within the University as well as all other partners.

3. \$10,000.00 in leveraged staff time from The University of Delaware Water Resources Agency to provide information on the economic value of mixed use redevelopment along waterfronts that include green space; to present water resources-related information/data to the community on behalf of the City of Wilmington; and provide a direct channel of communication between the grant team and the Public Works Department to ensure full City support for the project outputs.
4. \$20,000.00 of in-kind support from The University of Delaware's Center for Community Research and Service, to provide additional needed data and technical expertise as a stand-alone project combined with the support it will receive as part of the Blueprint Community Northeast.
5. \$ 10,000.00 of in-kind staff support and the price of the needed research tools and databases from the Delaware Small Business Development Center to provide its expertise in business and economic development, business research and analysis to the project team as well as local businesses and community organizations.
6. \$20,000.00 of in-kind staff support from the Delaware Department of Natural Resources and Environmental Control to provide technical and programmatic support (and attendance at community meetings) from the DNREC Brownfields Coordinator and DNREC staff working on the Watershed Approach to Toxics Assessment and Restoration program.
7. \$10,000.00 of in-kind staff support from the Delaware Sea Grant College Program (UD) to provide work with residents and the grant team to design smart, accessible and sustainable recreation and tourism opportunities to utilize the Brandywine River for residents and visitors.
8. \$50,000.00 of in-kind staff support from the NOAA, the National Oceanic and Atmospheric Administration to provide federal coordination through the Urban Waters Federal Partnership; bring additional federal technical resources to the project, including information on federal funding opportunities; ensure compliance with federal regulations and policies related to riverfront redevelopment; and participate in environmental education and community outreach.
9. The HOPE Commission will provide meeting space at no cost (10 meetings) \$ 3,000.00.

Additional leverage already in place:

1. \$32,600.00 DNREC Community Environmental Project grant currently developing a living shoreline concept for a portion of the riverfront that includes the two high-priority, catalyst sites.
2. \$20,000.00 Wilmington Housing Partnership cost for Northeast Wilmington Redevelopment Plan (draft) that addresses development concepts for the vacant land within the project area.
3. \$10,000.00 in kind support from Christina Care Health Systems to provide information bridging strategic priorities of the Community Health Improvement efforts at Christiana Care with the Community Revitalization efforts planned in this grant process; technical and logistical support for Health Impact Assessment related to various aspects of the planning process.

Additional likely resources:

1. The Federal Home Loan Bank of Pittsburgh provides grants for housing, business, economic development and assists in targeting investments by public, private and philanthropic funders.
2.
 - a. DNREC Brownfields Development Program grant opportunities for the Brownfield Developers ranging from \$200K to \$600K depending on the site.
 - b. DNREC Clean Water State Revolving Fund Implementation Grant for stormwater and/or wastewater, daylighting streambeds, and build-out of green infrastructure.
 - c. DNREC Community Environmental Project Awards for continuing planning and implementation work on the shoreline within the project area.
3. The Delaware Department of Transportation (DelDOT) has approved Transportation Alternatives Program (TAP) projects in the project area that will be constructed after the grant period; DelDOT will contribute additional funding coordinated through Wilmington Initiatives.

BROWNFIELDS AREA WIDE PLANNING GRANT
BRANDYWINE RIVERFRONT NORTHEAST

APPENDICES

1. Milestones
2. Threshold Criteria
3. Threshold Criteria Letter of Commitment
4. Project Area Map
5. Other Factors Form

Milestones
City of Wilmington, Delaware
Brandywine Riverfront, Northeast

Months 1 through 24: Establish and conduct quarterly Community Steering Committee meetings.

Months 1 through 3: Development of preliminary sub-tasks and strategies with the grant partners.

Months 1 through 3: Solicit input on vision and goal statements from residents and partners.

Month 3: Communicate status update to broader community via a large community meeting.

Months 4 through 6: Begin analysis of project area site plan.

Month 6: Communicate status update to broader community via a large community meeting.

Months 7 through 9: Finalize existing condition research to include zoning and use parameters.

Months 7 through 9: Continue analysis of project area site plan.

Month 9: Communicate status update to broader community via a large community meeting.

Months 10 through 12: Finalize analysis of project area site plan.

Months 10 through 12: Begin analysis of waterfront development plan.

Months 10 through 12: Begin transportation/infrastructure analysis.

Month 12: Communicate status update to broader community via a large community meeting.

Months 13 through 15: Continue analysis of waterfront development plan.

Months 13 through 15: Continue transportation/infrastructure analysis.

Months 13 through 15: Begin RFP assessment to potential investors and developers.

Month 15: Communicate status update to broader community via a large community meeting.

Months 16 through 18: Finalize analysis of waterfront development plan.

Months 16 through 18: Continue transportation/infrastructure analysis.

Months 16 through 18: Continue RFP assessment to potential investors and developers.

Months 16 through 18: Begin drafting the BFAWP implementation plan.

Month 18: Communicate status update to broader community via a large community meeting.

Months 19 through 21: Finalize transportation/infrastructure analysis.

Months 19 through 21: Finalize RFP assessment to potential investors and developers.

Months 19 through 21: Finalize transportation/infrastructure analysis.

Months 19 through 21: Finalize RFP assessment to potential investors and developers.

Month 21: Communicate status update to broader community via a large community meeting.

Months 22 through 24: Finalize the BFAWP implementation plan.

All meetings will have minutes. All activities will be reported through ACRES. All meeting minutes and deliverables will be distributed at 3rd district planning meetings and public meetings.

Threshold Criteria
Brandywine Riverfront, Northeast Brownfield Area-Wide Planning Grant

1. Applicant Eligibility: The applicant is the City of Wilmington.

Location of AWP Project Location: The north shore of the Brandywine is the southern boundary and separates Northeast Wilmington from downtown Wilmington; N. Market Street is the western boundary and in addition to being a commercial corridor in need of economic revitalization, it is the point where the parkland bordering the Brandywine abruptly stops in this underserved area of the city; Vandever Avenue is the northern boundary and is an extension of U.S. Route 202 an interstate corridor; the Northeast Boulevard is the eastern boundary and is a major commercial corridor.

2. Identify One Catalyst, High Priority BF within the Project Area:

A. Basic Site Information: Diamond State Salvage (DE-0281) – 702 East 14th Street, Wilmington, DE 19805. Diamond State Salvage is 4.25 acres, (tax parcels 26.036.10-401, 414 & 415), located along the Brandywine River.

B. Site Eligibility for Funding: The property meets the key elements of a brownfield which are: under-utilized, redevelopment plan under discussion, and redevelopment is hindered by a knowledge of contamination. The site has received a no further interest letter from EPA, it was subject to a removal action in the past.

C. Type of Contamination: Lead, polycyclic aromatic hydrocarbons (PAHs) and polychlorinated biphenyls (PCBs).

D. Petroleum Site Eligibility: Not primarily a petroleum contaminated site.

4. Ineligible Activities: The proposal does not seek assistance for site assessment, site cleanup nor area-wide plan implementation activities.

5. Letter of commitment to the project: Letter from the University of Delaware.

6. Substantial Compliance with Proposal Submission Instructions and Requirements: The proposal substantially complies with submission instructions and requirements.



Office of the Provost

University of Delaware
Community Engagement Initiative
Graham Hall
Newark, DE 19716

August 5, 2016

To whom it may concern,

The University of Delaware (UD) is pleased to offer its strong support for this grant application and to pledge its active engagement in carrying out the grant if it is awarded. For the university, this work builds on decades of community engagement in Wilmington in partnerships that continue to have an impact on overall community revitalization.

As a land-grant and sea-grant university, community engagement is part of the university's core identity. Last year, UD was recognized by the Carnegie Foundation for the Advancement of Teaching as an engaged university, one that uses the knowledge and creativity of its faculty, staff and students to improve the quality of life in the communities that it serves. A new university-wide Community Engagement Initiative was launched earlier this year to further expand our partnerships with communities across Delaware and with a specific commitment to expanded partnerships in Wilmington. The Brown Field Area-Wide Planning Grant will facilitate this expanded commitment and enable UD to work with partners to enhance the quality of life and prosperity of the residents of Northeast Wilmington and surrounding neighborhoods. To that end, the University of Delaware is pleased to join and support this application for the Brown Field Area-Wide Planning Grant for Wilmington's Northeast Blueprint Community. We pledge our ongoing support for the implementation of the grant.

A number of University of Delaware's academic units will be partners in carrying out the grant. Each of the university units described identified below are partnering on this application and are providing a letter with more detailed descriptions of their contributions.

- *The Center for Community Research and Service*, which administers the Blueprint Communities program in Delaware, will provide data and technical assistance, community capacity building and coaching in conceptualizing, planning and implementing community plans. The value of these services is estimated to be at least \$20,000.
- *The Delaware Small Business Development Center*, housed within the Office of Economic Innovation and Partnerships is committed to economic development by strengthening the the community start and strengthen businesses for the purpose of creating jobs and expanding the tax base. The SBDC, "Will provide its expertise in business and economic development, business research and analysis..." for an estimated value of \$10,000.



Office of the Provost

- *The Delaware Sea Grant College Program* will contribute its expertise in supporting and assisting residents in concept planning and development for the purposes of developing, “Smart, accessible and sustainable recreation and tourism opportunities...” and helping the community incorporate the latest and best practices in ecotourism. The value of this contribution is estimated to be \$10,000.
- *The Water Resources Agency* works to improve water quality as well as provide research, education and public policy assistance in protecting and enhancing water resources and watersheds. The research and technical assistance this unit will contribute is valued at an estimated \$10,000.

Together, the units representing the University of Delaware are committed to contributing an estimated \$50,000 worth of in-kind service, expertise and assistance. As the project advances, these units will coordinate with the leadership of the Community Engagement Initiative, sharing their observations and work with other member units, who may contribute additional expertise and services. As the work supported by the grant is implemented, we expect further assistance from the University of Delaware and other institutional partners.

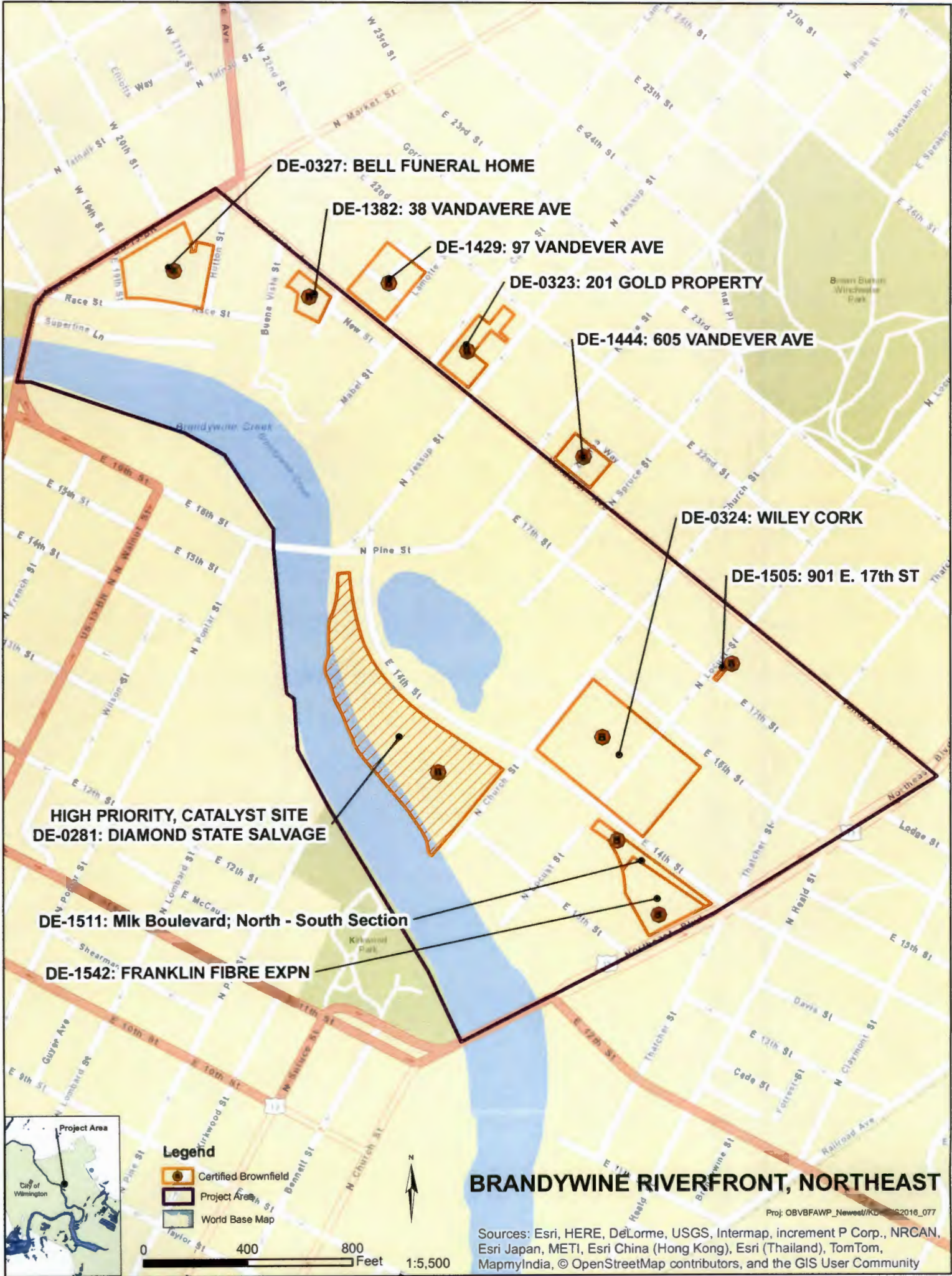
The University of Delaware looks forward to being an active partner in support of this effort. We will be pleased to provide any additional information that will facilitate consideration of the application.

Sincerely,

A handwritten signature in black ink, appearing to read 'Dan Rich'.

Dan Rich

Director, UD Community Engagement Initiative



BRANDYWINE RIVERFRONT, NORTHEAST

Proj: OBVBFAWP_Newest/KD/2016_077

Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Other Factors ChecklistName of Applicant: **City of Wilmington Delaware**

X.	Other Factor	Page #
X	<i>None of the Other Factors are applicable.</i>	
	BF AWP project is in an urban area (city population is 100,000 or more).	
	BF AWP project is in a rural area (city/town/village/unincorporated area/etc. population is 20,000 or less and is not located in a Metropolitan Statistical Area).	
	BF AWP project is in a micro community (city/town/village/unincorporated area/etc. population of 10,000 or less).	
	Applicant is or is applying on behalf of a federally recognized Indian Tribe or an entity from a United States Territory.	
	Applicant is a POWER+ community who is proposing a BF AWP project area with one or more eligible catalyst, high priority brownfield site(s) and a recently closed (2008 or later) or closing power plant.	
	Applicant's catalyst, high priority brownfield site(s) is (are) tied to recent (2008 or later) natural disaster(s) within the BF AWP project area.	
	Applicant's catalyst, high priority brownfield site(s) is (are) tied to a recent (2008 or later) manufacturing industry plant closure within the BF AWP project area.	
	Applicant's catalyst, high priority brownfield site(s) are tied to a recent (2008 or later) significant economic disruption, unrelated to a natural disaster, manufacturing industry plant closure or closing/closed power plant, within the BF AWP project area, resulting in a significant percentage loss of community jobs and tax base.	
	Applicant is a recipient or a core partner of HUD-DOT-EPA Partnership for Sustainable Communities (PSC) grant funding or technical assistance that is directly tied to the BF AWP project area, and can demonstrate that funding from a PSC grant/technical assistance has or will benefit the BF AWP project area. Examples of PSC grant or technical assistance include a HUD Regional Planning or Challenge grant, DOT Transportation Investment Generating Economic Recovery (TIGER), or EPA Smart Growth Implementation or Building Blocks Assistance, etc. <i>Attach documentation of PSC recipient or core partner status.</i>	
	Applicant's BF AWP project area is directly tied to EPA's Making a Visible Difference (MVD) initiative, and the applicant can demonstrate that funding/technical assistance/other resources	

	from the MVD initiative has or will benefit the BF AWP project area. Applicant must clearly demonstrate there is a nexus between their MVD status and the proposed brownfields activities.	
	Applicant is a recipient of an EPA Urban Water grant and can demonstrate that that funding/technical assistance/other resources from the Urban Waters grant has or will benefit the BF AWP project area. Applicant must clearly demonstrate there is a nexus between their Urban Waters efforts and the proposed brownfields activities.	
	Applicant is designated as a HUD Promise Zones community, and can demonstrate that funding/technical assistance/other resources from the Promise Zones designation has or will benefit the BF AWP project area. Applicant must clearly demonstrate there is a nexus between their Promise Zones designation and the proposed brownfields activities. <i>Attach documentation of HUD Promise Zone community status.</i>	
	<p>Applicant is one of the 24 recipients, or a core partner/implementation strategy party, of a “manufacturing community” designation provided by the Economic Development Administration (EDA) under the Investing in Manufacturing Communities Partnership (IMCP). To be considered:</p> <ul style="list-style-type: none"> • Applicant must clearly demonstrate in the proposal that there is a nexus between their IMCP designation and the proposed BF AWP project. • Attach documentation which demonstrates either designation as one of the 24 recipients, or relevant pages from a recipient’s IMCP proposal which lists/describes the core partners and implementation strategy parties. A core partner/implementation strategy party is a local partner organization/jurisdiction that will carry out the proposed strategy, as demonstrated in letters of commitment or memoranda of understanding which documents their contributions, roles, and responsibilities to the partnership. EDA may provide to EPA a list of the core partners/implementation strategy parties for each of the 24 “manufacturing community” designees, which EPA would use to verify this other factor. 	

BROWNFIELDS AREA WIDE PLANNING GRANT
BRANDYWINE RIVERFRONT NORTHEAST

ADDITIONAL LETTERS OF COMMITMENT

1. Old Brandywine Village, Inc.
2. University of Delaware, Center for Community Research & Service
3. University of Delaware, Water Resources Agency
4. University of Delaware, Small Business Development Center
5. Sea Grant Delaware
6. DNREC
7. NOAA
8. Christiana Care Health System



OLD BRANDYWINE VILLAGE

August 1, 2016

The Honorable Dennis P. Williams
Louis L. Redding City/County Building
800 North French Street, 9th floor
Wilmington, Delaware 19801

Dear Mayor Williams,

Old Brandywine Village, Inc.(OBV) is pleased to partner with the City of Wilmington, the University of Delaware and other resource partners in the FY 2017 EPA Brownfields Area-wide Planning Grant. Old Brandywine Village, Inc. is a 501(c)(3) established in 1964 for the expressed purpose of preserving the heritage and supporting the economic viability of the area along the north bank of Brandywine River in Northeast Wilmington.

Old Brandywine Village, Inc. is an active participant in the Delaware River Urban Waters Federal Partnership and Old Brandywine Village is a named priority project in the program. Additionally OBV is a participant in the Brownfield Community of Practice organized under the program. As a result of our participation and the application for the EPA BF AWP grant, the National Oceanic and Atmospheric Administration (NOAA) has committed at a minimum \$50,000.00 in leveraged staff support toward this grant, which includes an effort to bring other federal technical assistance and information on additional federal funding opportunities to the project area.

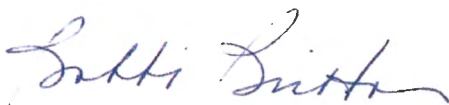
Old Brandywine Village, Inc. has worked to secure dedicated support for Northeast Wilmington. OBV worked diligently with residents of the Northeast to apply for the Blueprint Community, DE award. The application was successful and Blueprint Community Northeast is a reality. OBV is pleased to be a team member. The Blueprint opportunity is the best option for the Northeast to develop backbone support for community involvement and create a mechanism for the community to take ownership of the planning and redevelopment for the Northeast. The Blueprint Communities DE Program is contributing additional support to this grant project. Additionally, OBV has secured support from the UD Small Business Development Center, the UD Water Resources Agency, and the UD Sea Grant, DE program. The total University commitment to this grant is \$50,000.00, with the opportunity to receive further support as the project goes to implementation.

Old Brandywine Village, Inc. will continue to participate in the community involvement process as described in this grant. This will be an extension of the work OBV has been engaged in for the last four years, namely bringing the appropriate resource partners to the community to engage in a coordinated effort with the City and the community to invest in the redevelopment of this catalyst area along the Brandywine in the City of Wilmington, and now the entire Northeast as well. In that regard OBV also approached Christina Health Care Systems and secured their participation in this grant project focused on a Health Impact Assessment for Northeast Wilmington which will rely on resident involvement. This support is also for \$10,000.00. Our long time partner in these efforts, DNREC is contributing \$20,000.00 in staff support to this grant.

This EPA grant, like many other federal grants, requires a substantial community involvement process and the budget submitted for the grant must demonstrate sufficient funding to support that effort. Old Brandywine Village, Inc. has agreed to contribute \$5,000.00 in leveraged volunteer board time to participate with the University of Delaware and the City in managing the community engagement process. All of the other resource partners have agreed to participate in community meetings and the amount of the leveraged funding they are supplying that is specifically targeted to community involvement is approximately \$37,000.00. This focus on community involvement will provide the residents with the information they need to make informed decisions and recommendations. The University of Delaware will provide the technical assistance to ensure that the community involvement process works in the appropriate sequence and time frame to achieve the main deliverable for the grant, namely a Brownfield Area-wide Implementation Plan for the project area.

If you have any questions regarding this grant or our role in the project please contact Bobbi Britton, OBV Board Member at bobbibritton99@gmail.com or 302 -898-6270.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bobbi Britton".

Bobbi Britton
Old Brandywine Village, inc
Board Member



July 29, 2016

The Honorable Dennis P. Williams
Mayor of the City of Wilmington
800 N. French St.
Wilmington, DE 19801

Dear Mayor Williams:

The University of Delaware's Center for Community Research and Service (CCRS) will be pleased to work in partnership with the City of Wilmington, Old Brandywine Village, Inc. and other partners to plan the Brandywine Riverfront Project located in Wilmington's Northeast neighborhood. Since its establishment in 1972, CCRS has been working closely with the City of Wilmington and its many neighborhoods to build civic capacity to enhance social and economic opportunities for residents and businesses. As you know, it's done this by providing data, research, training, and technical assistance services to address the housing, community and economic development needs of neighborhoods and the city overall.

It is fortuitous that the proposed Brandywine Riverfront Project is located within the Northeast, because this area of the city has recently been officially designated as a "Blueprint Community." As you know, the Blueprint Communities Delaware Program is a joint initiative of the University of Delaware and the Federal Home Loan Bank of Pittsburgh which provides neighborhood planning teams with intensive training, technical assistance and coaching services to create and implement community-based revitalization plans. With this project being located inside the boundaries of the Northeast Blueprint Community, the Blueprint Program is in a position to provide services to the Brandywine Riverfront Project planning team, and help this team integrate the project plan into the broader revitalization plan for the Northeast.

The professional services to be provided to the Brandywine Riverfront Project through the Blueprint Communities Program will amount to at least \$20,000 of in-kind support, and may exceed this depending on how successful the Blueprint Program is at securing additional outside funding for this project. In addition to the provision of needed data and technical expertise, the University also has the ability to conduct financial, economic and social impact studies to determine which of several development scenarios would be best suited to the project site and most beneficial to the surrounding community. We will also closely coordinate our services with the assistance provided by other University units, and other public, nonprofit and private partners.

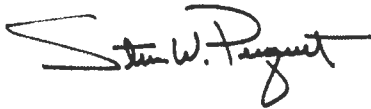
While contributing to the success of the planning and implementation of the Brandywine Riverfront Project is CCRS' primary aim, please know that another important goal is to build

Letter to the Honorable Dennis P. Williams
July 29, 2016
Page 2

the capacity of the community itself to work with the City and other partners to conceptualize, plan and implement other projects in the future that contribute to the betterment of the Northeast area of the city.

I believe the Brandywine Riverfront Project proposal is strong, and CCRS looks forward to the opportunity to contribute to this important undertaking.

Sincerely,

A handwritten signature in black ink, reading "Steven W. Peuquet". The signature is fluid and cursive, with a large, stylized "S" at the beginning.

Steven W. Peuquet, Ph.D.
Director, Center for Community Research and Service



School of Public Policy
& Administration
INSTITUTE FOR PUBLIC ADMINISTRATION

180 Graham Hall
Newark, DE 19716-7380
Phone: 302-831-8971
Fax: 302-831-3488
Email: ipa@udel.edu

August 1, 2016

Mayor Dennis P. Williams
City of Wilmington
800 N. French St.
Wilmington, DE 19801

Dear Mayor Williams:

The University of Delaware, Water Resources Agency is pleased to partner with the City of Wilmington on the project titled: *Brandywine Riverfront, Northeast*. The University of Delaware has been a close partner of the City of Wilmington for over 30 years and works diligently on improving water quality resources and providing research, education, and public policy assistance as it relates to water resources in the City and its associated watersheds.

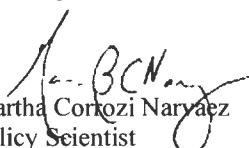
Through this collaborative project the UD Water Resources Agency hopes to help engage an underserved community in the redevelopment of the northeast section of the City and ultimately provide access to a valuable natural resource. The UD Water Resources Agency is committed to providing the staff time required to provide information on the economic value of mixed-use redevelopment along waterfronts that include green space. The economic tradeoff or benefit of green space within this redevelopment project will be a topic that will need to be addressed as part of this project and the UD Water Resources Agency will participate in the discussion. The UD Water Resources Agency is committed to providing assistance in this area of the project and has expertise related to the economic valuation of natural resources in the region and in Delaware's watersheds.

The UD Water Resources Agency is also committed to expanding our role and serving as intermediary between the grant team and the City of Wilmington's Public Works department. This role will be on an as-needed basis. For example, this may consist of presenting water resources-related information and data to the communities on behalf of the City of Wilmington and/or providing a direct channel of communication between the grant team and the City's Public Works Department. The total estimated value of the UD Water Resources Agency's work related to this grant is \$10,000 and the source of funding is the City of Wilmington, Public Works Department appropriation.

Our organization has worked extensively with the named grant partners, is a participant in the Brandywine Coalition, and is looking forward to supporting the goals of this proposal. This project is in-line with the UD Water Resources Agency's goals and mission and we believe it will help to advance the goals of the City and a distinct community riverfront along the Brandywine River.

If you have any questions regarding this grant or our role in the project please contact me at mcorrozi@udel.edu or 302-831-4931.

Sincerely,


Martha Cortozi Naryaez
Policy Scientist
Water Resources Agency
University of Delaware



Delaware Technology Park
One Innovation Way, Suite 301
Newark, DE 19711
302.831.1555

July 29, 2016

The Honorable Dennis P. Williams
Mayor of the City of Wilmington
800 N. French St.
Wilmington, DE 19801

Dear Mayor Williams:

The Delaware Small Business Development Center (DSBDC), a unit of the University of Delaware's Office of Economic Innovation and Partnerships is pleased to partner with the City of Wilmington and Old Brandywine Village, Inc. on the Project titled Brandywine Riverfront Northeast. DSBDC has been a close partner of the City of Wilmington for over 30 years assisting with the city's economic development efforts through research, education and advisory assistance to Wilmington business owners and potential entrepreneurs.

Through this collaborative effort the DSBDC intends to help engage an underserved community by aiding in the redevelopment of this section of the City, with a long term goal of strengthening the economic base by helping members of the community start and strengthen businesses, create jobs and broaden the tax base. The DSBDC will provide its expertise in business and economic development, business research and analysis to the project team as well as local businesses and community organizations. The value of these services is estimated to be \$10,000. This is based upon the cost of staff time as well as the price of the research tools and databases to be used.

The DSBDC has worked extensively in this region of the city as well as with the named grant partners and is looking forward to the supporting the goals of this proposal. This project is in line with the DSBDC's mission and goals and we believe it will advance the goals of the City and this distinct community.

If you have any questions regarding this grant or our role in the project please contact me at jmbowman@udel.edu or 302-831-0779.

Sincerely,

J. Michael Bowman
Associate Director, OEIP
State Director, Delaware SBDC



SEA GRANT COLLEGE PROGRAM

University of Delaware
Hugh R. Sharp Campus
700 Pilottown Road
Lewes, DE 19958-1298

July 30, 2016

Mayor Dennis P. Williams
City of Wilmington
800 N. French St.
Wilmington, DE 19801

Dear Mayor Williams:

It is with great enthusiasm that the Delaware Sea Grant College Program offers our partnership with the City of Wilmington to support 2016 *Brandywine Riverfront, Northeast* project as proposed. Our program is supported by federal and state funding to inform the wise use and management of coastal resources around the state for the benefit of communities such as those within Wilmington. We are pleased to bring our talents and resources along with our network of 32 other Sea Grant programs from around the nation on issues and challenges confronting Wilmington communities.

In concert with our project partners we anticipate contributing our expertise to the Northeast redevelopment plans, including work towards designing smart, accessible, and sustainable recreation and tourism opportunities to utilize the Brandywine River for local residents and visitors alike. While the majority of ecotourism work nationally has been in undeveloped, natural settings, the residents have voiced support for activities such as kayaking and canoeing in their own neighborhood. The lessons learned from across our network—in Louisiana, Maryland, Alaska, and even in Laurel, DE—can help to improve our plan to implement what is a truly a visionary concept developed by the residents themselves. Coupled with partners from across the University of Delaware (UD) and the state, and as an integral part of the redevelopment plan, we are excited for the opportunity to serve this neighborhood in Wilmington. We estimate the value of this work at \$10,000.

Our organization has worked extensively with the UD grant partners, has a long history of successful collaborations with the Delaware Department of Natural Resources and Environmental Control, and is anticipating a rewarding new partnership with the City of Wilmington. The goals of this proposal are not only laudable, but visionary for the future economic vibrancy and resilience so necessary for the residents of the City.

If you have any questions regarding our support or role in the project please contact me at jfalk@udel.edu, or (302) 645-4235.

Sincerely,

James Falk
Acting Director,
Delaware Sea Grant College Program
University of Delaware



STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
AND ENVIRONMENTAL CONTROL

89 KINGS HIGHWAY
DOVER, DELAWARE 19901

OFFICE OF THE
SECRETARY

PHONE: (302) 739-9000
FAX: (302) 739-6242

August 1, 2016

Honorable Dennis P. Williams
Office of the Mayor
City of Wilmington
Louis L. Redding City/County Building
800 North French Street
Wilmington, Delaware 19801

Dear Mayor Williams:

The State of Delaware Department of Natural Resources and Environmental Control (DNREC) is pleased to support the City of Wilmington's Brandywine Riverfront, Northeast United State Environmental Protection Agency's (EPA) Brownfield Area-Wide Planning Grant. The grant will further the City's efforts to revitalize contaminated sites that plague the Brandywine Riverfront in northeast Wilmington and improve the quality of life for its residents. The grant will support on-going planning in the area and provide much needed information and attention to properties that impede redevelopment and impair the health of the physical and human landscape.

DNREC has worked closely with the City to decrease the impacts of brownfield sites. The Department has also worked with the other State agencies in an attempt to coordinate the resources necessary to assist in the identification, assessment and ultimate remediation of brownfield sites throughout the City. The State's Brownfield Development Program (BDP) has been instrumental in leveraging millions of dollars state-wide in brownfield related remedial activities, including numerous planning projects for their reuse. Additionally, DNREC worked with the City to receive a Wastewater Planning Matching Grant to evaluate the viability of an off-line Combined Sewer Overflow (CSO) storage facility within the footprint of the abandoned 14th Street quarry which lies in this Brownfield Area-Wide Planning Grant's project area.

In support of the grant project, the Department's BDP will also commit to grant funding for the completion of properties already certified as brownfields as well as funding for investigation and remedial costs for potential sites that come into the Program. This leveraging of grant funds from the BDP, based on funding availability pursuant to the HSCA Policy on

Delaware's Good Nature depends on you!

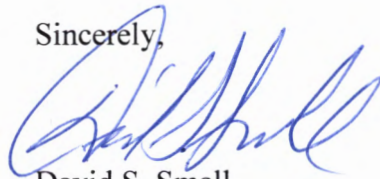
Honorable Dennis P. Williams
August 1, 2016
Page 2

Brownfields Grants, could range from two hundred thousand (\$200,000) up to six hundred and twenty-five thousand (\$625,000) dollars per site. DNREC staff, primarily the Department's Brownfield Coordinator and other members of the Site Investigation and Restoration Section, will also support and assist in the development of the plan. We estimate the value of this work to be \$20,000.

The Department strongly believes that this Brownfields Area-Wide Planning project will facilitate the City of Wilmington's Brandywine River Northeast communities and its partner's desire to become a sustainable, vibrant community. The project will serve as a springboard for economic growth and enable the community to move towards a healthier, more promising future.

For any assistance or questions you may have concerning DNREC's support and commitment, please contact the Department's Brownfield Coordinator, James M. Poling, at (302) 395-2600.

Sincerely,



David S. Small
Secretary

cc: Marjorie A. Crofts, Director, Division of Waste and Hazardous Substances
James M. Poling, Brownfields Coordinator, Site Investigation and Restoration Section



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Response and Restoration
Assessment and Restoration Division
c/o EPA Region III 3HS41
1650 Arch Street
Philadelphia PA 19103-2029

The Honorable Dennis P Williams
Louis L. Redding City/County Building
800 North French Street, 9th Floor
Wilmington De 19801

Dear Mayor Williams,

I am providing this letter of commitment for the Old Brandywine Village Brownfield Area Wide Planning Grant Application. NOAA is the co-lead federal agency for the Delaware River Urban Water Federal Partnership (UWFP) site. This partnership reconnects urban communities, particularly those that are overburdened or economically distressed, with their waterways by improving coordination among federal agencies and collaborating with community-led revitalization efforts to improve our Nation's water systems and promote their economic, environmental, and social benefits.

Wilmington, DE, and specifically Old Brandywine Village, is a priority focus area for the Delaware River UWFP site. This area along the Brandywine River has historically experienced a significant loss of economic benefits and environmental services provided by the river. NOAA is co-leading the Brownfield Community of Practice within the UWFP to provide a coordinated network dealing with Brownfield issues and help target federal resources and opportunities for the localities. Old Brandywine Village has been an eager and active participant in the Community of Practice. Challenges include stormwater management, erosion and flooding control, source water protection, restoring lost habitat, enhancing overall waterway health, protecting community investments, pursuing environmental justice, and promoting public access.

NOAA is committed to providing 25 k for year for a total of 50 k for this high priority UWFP project. NOAA's direct technical support will help develop contaminated site assessments and clean-up plans that are protective of the environment and integrate community driven reuse plan design elements, promote ecological habitat restoration, and increase community resilience from flooding and other climate related impacts. Coordination with other federal agencies and NOAA offices to provide additional resources and tools that support the project will also be provided.

Please contact me at 206-617-5438 if you would like to discuss this matter further.

Respectfully,
Simeon Hahn
Simeon Hahn
NOAA Regional Resource Coordinator





CHRISTIANA CARE HEALTH SYSTEM

1400 N. Washington St.
Annex Suite, 409
Wilmington, DE 19801

August 1, 2016

Mayor Dennis P. Williams
City of Wilmington
800 N. French St.
Wilmington, DE 19801

Dear Mayor Williams:

Christiana Care Health System, is pleased to be an enthusiastic partner with the City of Wilmington and other anchor institutions, on the project titled: *Brandywine Riverfront, Northeast*. We believe that the best way to think about health is: "The sum record of your challenges and opportunities in life". As it stands, opportunity—the chance to thrive in society and do so while healthy and well—is unevenly distributed within and across our communities. We envision efforts like the one underway in this project; will help to establish a fervent foundation of community-level inclusion in place-based development efforts that will allow our neighbors to thrive in all aspects of their lives.

Communities across the nation are acting on or developing ambitious plans to change systems and structures to improve health and community opportunity. We, at Christiana Care, are committed to fostering connections among multiple sectors that impact health, including health care, public health, social services, business, schools, housing, and others. Decades of research in the health sciences, public health, community development and public policy arenas support the assertion that where we live, work, and play shapes our opportunities to thrive, throughout life. A movement is building across sectors to ensure that all neighborhoods promote health, safety, community-building, education, and economic opportunities; all of these are connected.

This effort, in partnership with the city of Wilmington, is an example of our anchor institutional investment in the long-term provision of equitable health and well-being for all, driven by grass-roots level organizing and engagement around shared values, persistent advocacy, and long-term, sustainable financing. I, *Brian M. Rahmer, PhD, MS Director of Community Health Engagement* will serve as a primary contact point for bridging strategic priorities of the Community Health Improvement efforts at Christiana Care with the Community Revitalization efforts planned in this grant process. An important contribution to this process will be providing technical and logistical support for Health Impact Assessment related to various aspects of the planning process, done so through deliberative community engagement. We estimate a contribution of leveraged assets in staff time and additional resources of \$10,000 over the course of the project period. Additionally, we see this opportunity as a means to further demonstrate and expand our collective impact capacity with partners like the University of Delaware and the City of Wilmington, along with various local community organizations.

If you have any questions regarding this grant or our role in the project please contact me at brahmer@christianacare.org or 302-320-6524.

In solidarity,

Brian M. Rahmer

Brian M. Rahmer, PhD, MS

Application for Federal Assistance SF-424

* 1. Type of Submission: <input type="checkbox"/> Preapplication <input checked="" type="checkbox"/> Application <input type="checkbox"/> Changed/Corrected Application		* 2. Type of Application: <input checked="" type="checkbox"/> New <input type="checkbox"/> Continuation <input type="checkbox"/> Revision		* If Revision, select appropriate letter(s): <input type="text"/> * Other (Specify): <input type="text"/>	
* 3. Date Received: <input type="text" value="08/09/2016"/>		4. Applicant Identifier: <input type="text"/>			
5a. Federal Entity Identifier: <input type="text"/>			5b. Federal Award Identifier: <input type="text"/>		
State Use Only:					
6. Date Received by State: <input type="text"/>		7. State Application Identifier: <input type="text"/>			
8. APPLICANT INFORMATION:					
* a. Legal Name: <input type="text" value="City of Wilmington"/>					
* b. Employer/Taxpayer Identification Number (EIN/TIN): <input type="text" value="51-0176414"/>			* c. Organizational DUNS: <input type="text" value="0673939000000"/>		
d. Address:					
* Street1: <input type="text" value="800 North French Street"/>		Street2: <input type="text"/>			
* City: <input type="text" value="Wilmington"/>		County/Parish: <input type="text"/>			
* State: <input type="text" value="DE: Delaware"/>		Province: <input type="text"/>			
* Country: <input type="text" value="USA: UNITED STATES"/>		* Zip / Postal Code: <input type="text" value="19801-3590"/>			
e. Organizational Unit:					
Department Name: <input type="text" value="Dept of Planning & Development"/>			Division Name: <input type="text"/>		
f. Name and contact information of person to be contacted on matters involving this application:					
Prefix: <input type="text" value="Mr."/>		* First Name: <input type="text" value="Leonard"/>			
Middle Name: <input type="text"/>		* Last Name: <input type="text" value="Sophrin"/>			
Suffix: <input type="text"/>		Title: <input type="text" value="Director of Planning & Development"/>			
Organizational Affiliation: <input type="text" value="City of Wilmington"/>					
* Telephone Number: <input type="text" value="302-576-3109"/>			Fax Number: <input type="text"/>		
* Email: <input type="text" value="lsophrin@wilmingtonde.gov"/>					

Application for Federal Assistance SF-424

* 9. Type of Applicant 1: Select Applicant Type:

C: City or Township Government

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

* 10. Name of Federal Agency:

Environmental Protection Agency

11. Catalog of Federal Domestic Assistance Number:

66.814

CFDA Title:

Brownfields Training, Research, and Technical Assistance Grants and Cooperative Agreements

* 12. Funding Opportunity Number:

EPA-OLEM-OBLR-16-05

* Title:

FY2017 BROWNFIELDS AREA-WIDE PLANNING GRANT

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

Add Attachment

Delete Attachment

View Attachment

* 15. Descriptive Title of Applicant's Project:

Brandywine Riverfront Northeast

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

Application for Federal Assistance SF-424**16. Congressional Districts Of:*** a. Applicant * b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

Add Attachment

Delete Attachment

View Attachment

17. Proposed Project:* a. Start Date: * b. End Date: **18. Estimated Funding (\$):**

* a. Federal	<input type="text" value="197,500.00"/>
* b. Applicant	<input type="text" value="10,000.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="128,000.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="335,500.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**

- ☐ a. This application was made available to the State under the Executive Order 12372 Process for review on .
- ☐ b. Program is subject to E.O. 12372 but has not been selected by the State for review.
- ☒ c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes," provide explanation in attachment.)**☐ Yes ☒ No

If "Yes", provide explanation and attach

Add Attachment

Delete Attachment

View Attachment

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**

☒ ** I AGREE

** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:

Middle Name:

* Last Name:

Suffix:

* Title: * Telephone Number: Fax Number: * Email: * Signature of Authorized Representative: * Date Signed: